

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



## Situation Awareness Brief

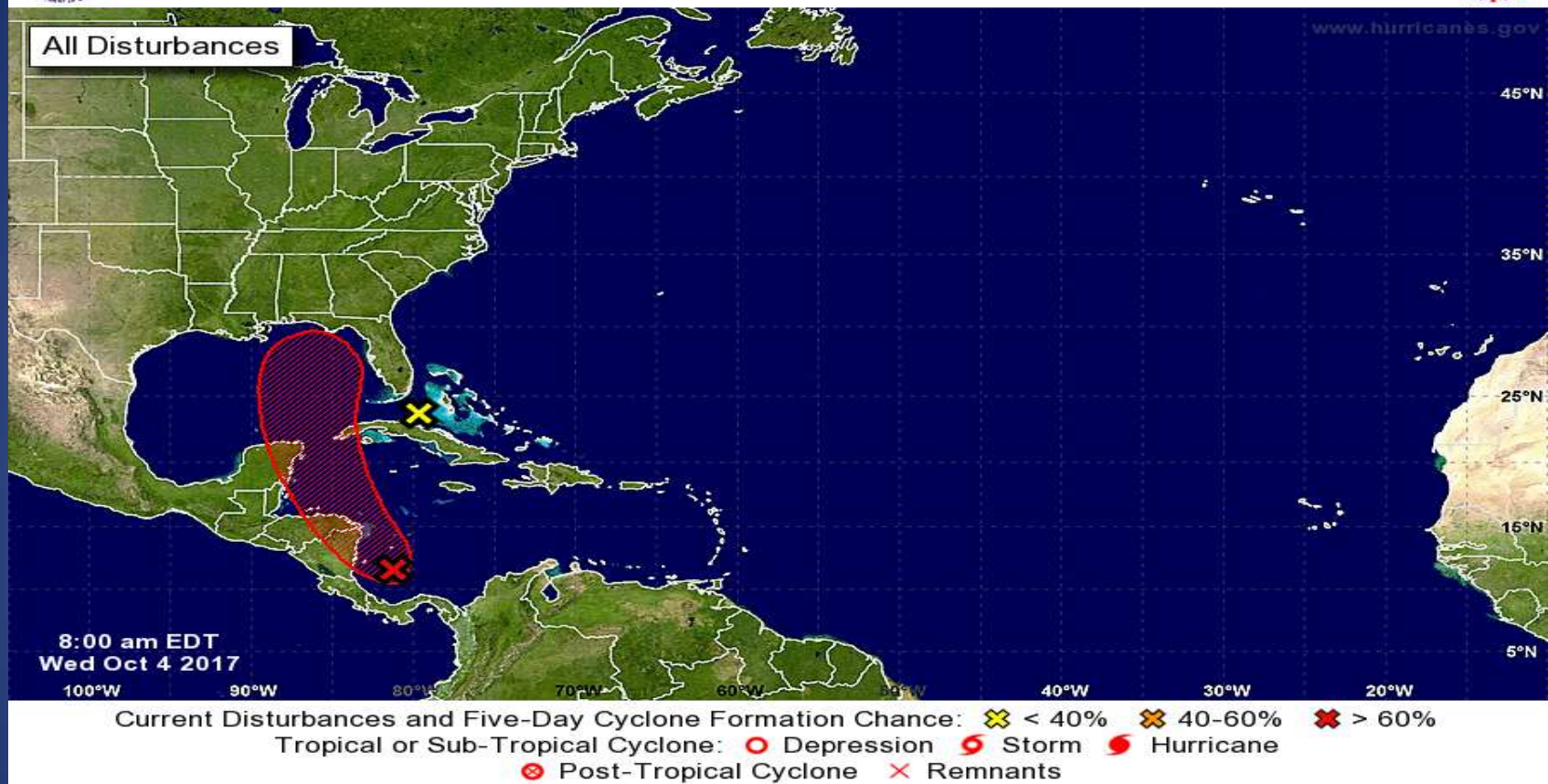


Wednesday, October 4<sup>th</sup> 2017  
As of 0900 CST

# Tropical Weather Awareness



## Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



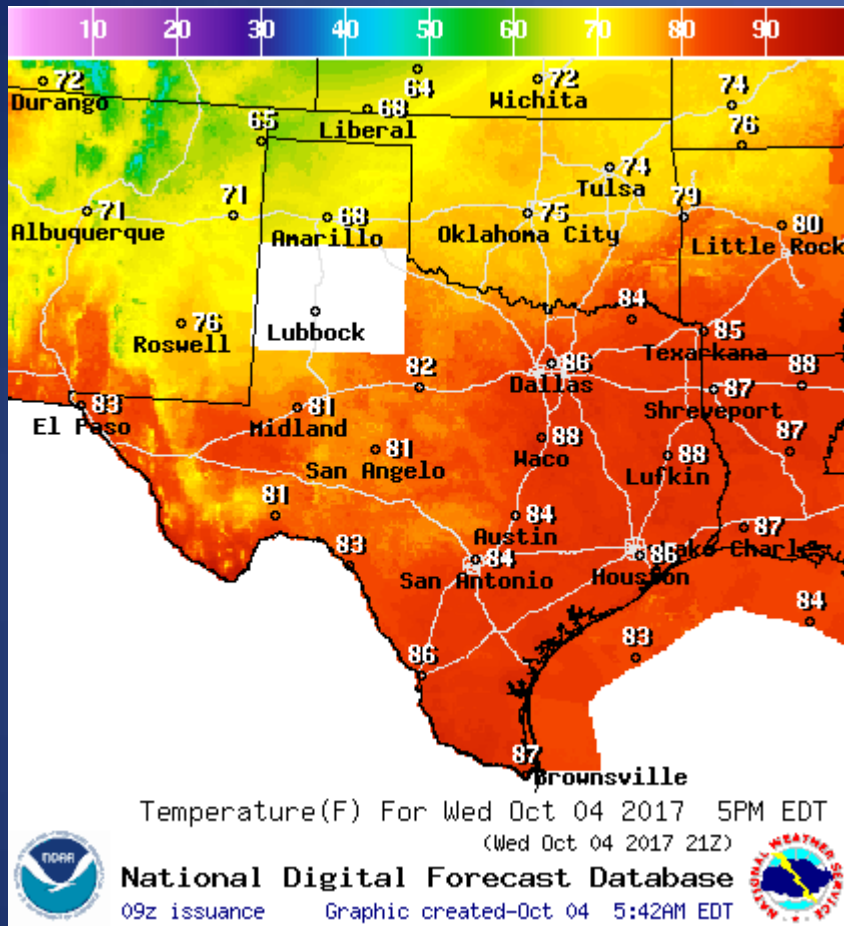
Showers and thunderstorms associated with an area of low pressure located over the southwestern Caribbean Sea have become better organized since yesterday. This system is expected to become a tropical depression later today while it moves northwestward toward the coast of Nicaragua. The low should move slowly northwestward across or near the eastern portions of Nicaragua and Honduras on Thursday, move into the northwestern Caribbean Sea by Friday, and emerge over the southern Gulf of Mexico by Saturday. Interests in Nicaragua, Honduras, the Yucatan peninsula and western Cuba should monitor the progress of this system as watches or warnings could be issued later today. An Air Force Reserve reconnaissance aircraft is scheduled to investigate the disturbance this afternoon. Regardless of development, this system will produce heavy rains over portions of Central America during the next few days, likely causing flash floods and mudslides. Formation chance through 48 hours...high...90 percent. Formation chance through 5 days...high...90 percent.

# Informational Products

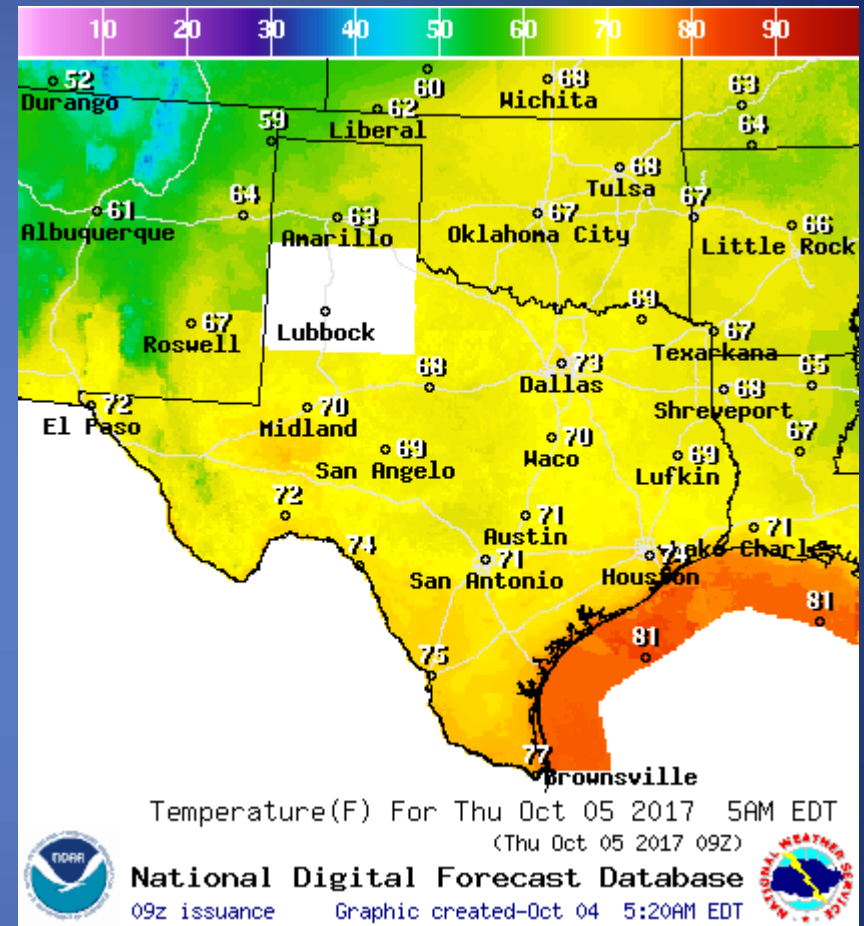
## Distributed by the State Operations Center

DATE	SUBJECT
10/03/17	SITREP #42 Tropical System Harvey
10/03/17	Daily NWS Threat Brief for Tuesday, October 3, 2017 for FEMA Region 6
10/03/17	NWS Lake Charles Tropical Update: 3:30 PM Tuesday 10.3.17
10/03/17	NWS Houston Tropical Weather Outlook - October 3
10/03/17	NWS Austin/San Antonio Public Information Statement for Rainfall Reports for Today

# Weather Forecast

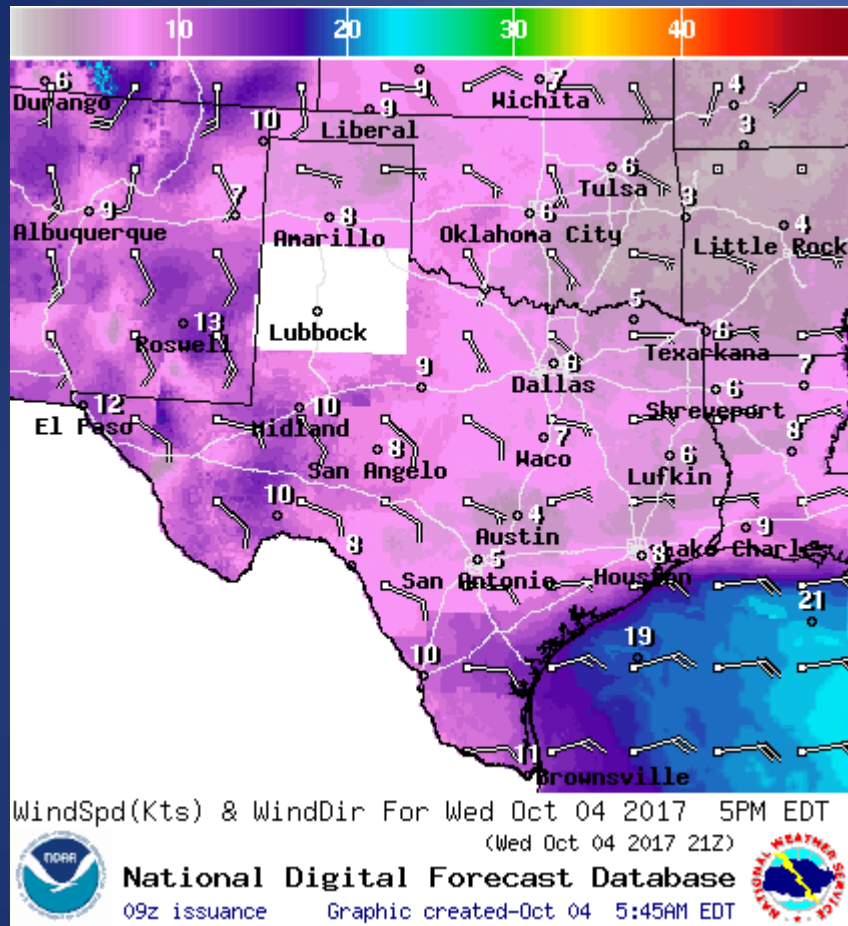


## Highs

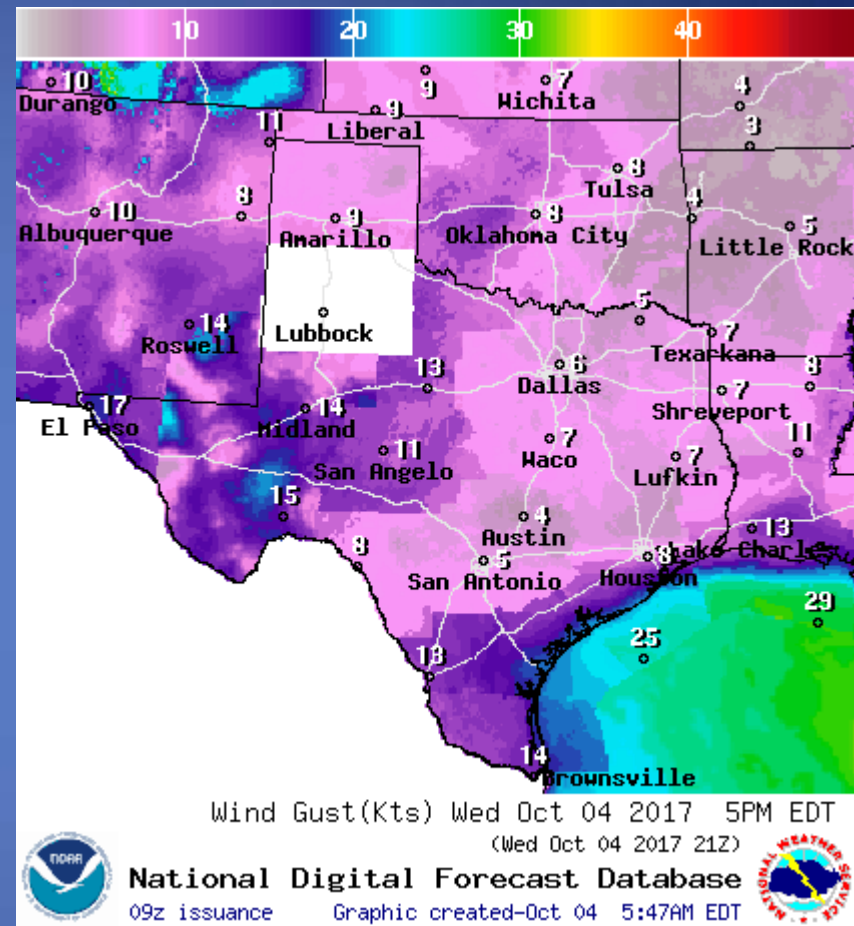


## Lows

# Weather Forecast



## Wind Speeds



## Gusts

# Hazardous Weather



Amarillo

## Today and Thursday Forecast

### STORM CHANCES CONTINUE

#### Today

- Showers & Storms Likely
- Heavy Rainfall Possible
- Cooler



#### Thursday

- Chance for Showers & Storms Continue
- Warmer



National Weather Service - Amarillo

Issued: 10/4/2017 3:09 AM



A nearly diffuse cold front across the Texas Panhandle will allow for cooler conditions today. The frontal boundary, along with plenty of low level moisture, will result in scattered to numerous showers and thunderstorms today and tonight and then continuing through Thursday and Thursday night. Some of the rainfall tonight into Thursday could possibly be heavy to very heavy at times.

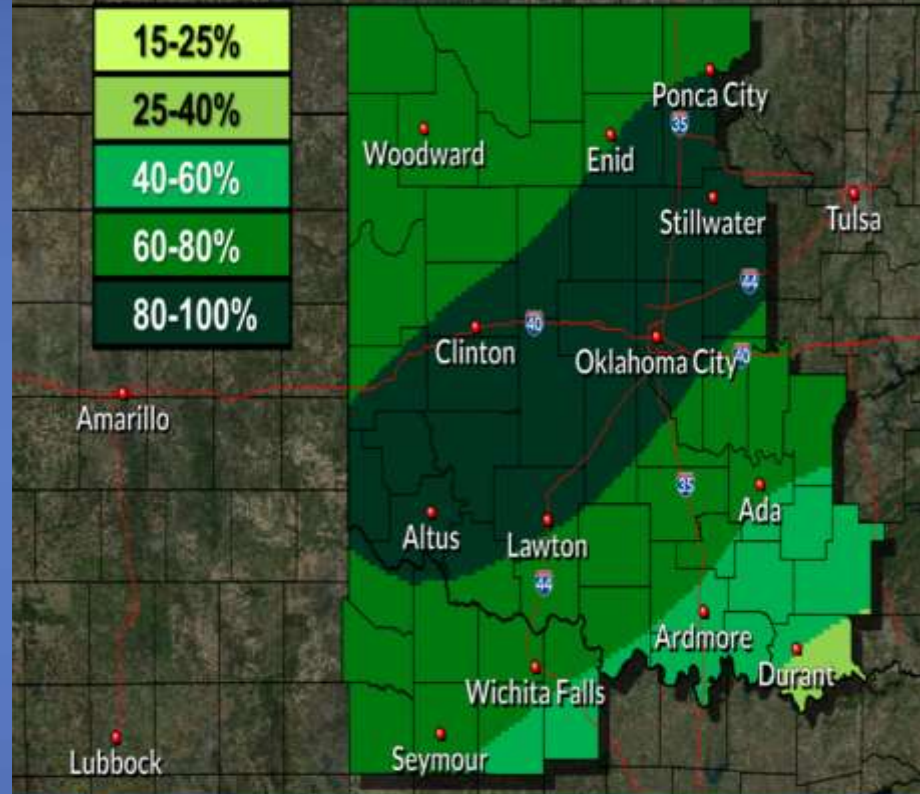
## Wednesday Rain Chances

Weather Forecast Office  
Norman, OK



Heavy rain possible with storms

Issued Oct 03, 2017 4:06 PM CDT

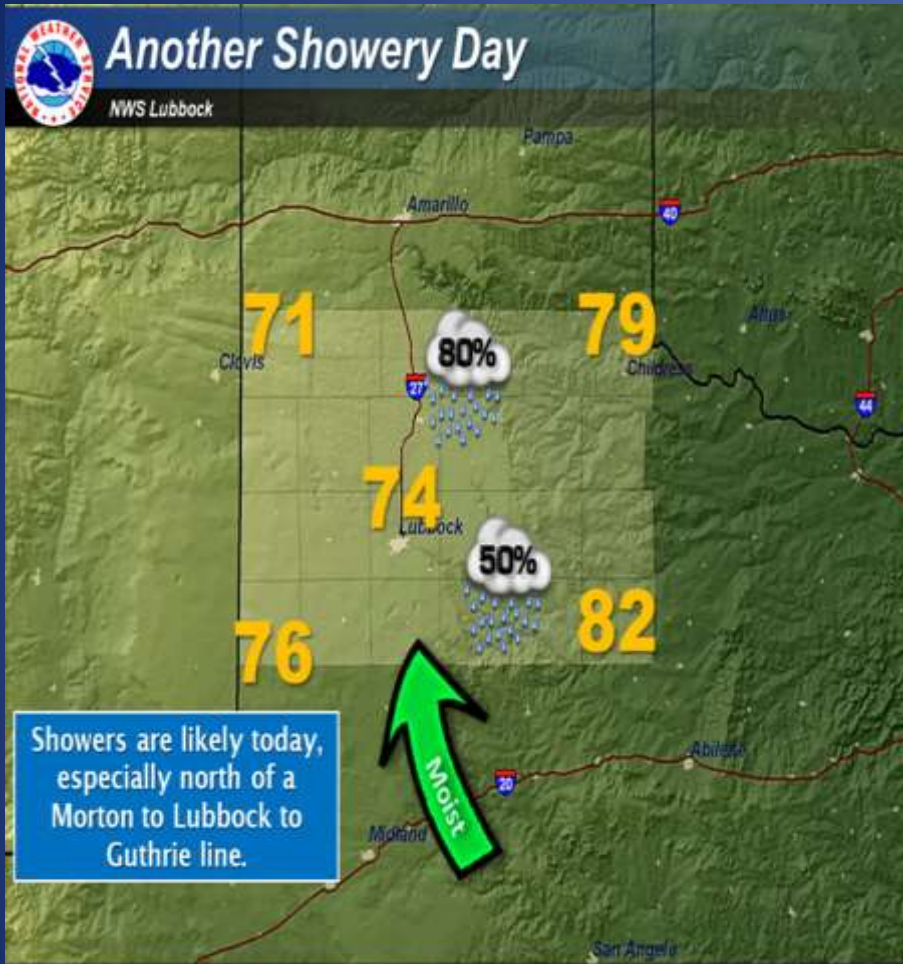


f t NWSNorman

weather.gov/norman

Heavy rainfall and some localized flooding is possible.

# Hazardous Weather



Scattered to widespread showers with possibly a few thunderstorms will spread from north to south across the South Plains area today. The best rain chances will come to the north of Highway 114 and especially across the southern Panhandle. High temperatures will be mostly in the 70s.

**Wednesday**

Moisture Returns to the Area

Weather Forecast Office  
El Paso, TX

Issued October 3, 2017 7:30 PM MDT



**Partly to Mostly  
Cloudy Skies**

**Scattered T-Storms  
Lowlands,  
Numerous in Mtns**

**Localized Heavy  
Rainfall Possible**

**E to SE Winds  
10-15 mph**

**Wednesday**



f t NWSEIPaso

weather.gov/epz

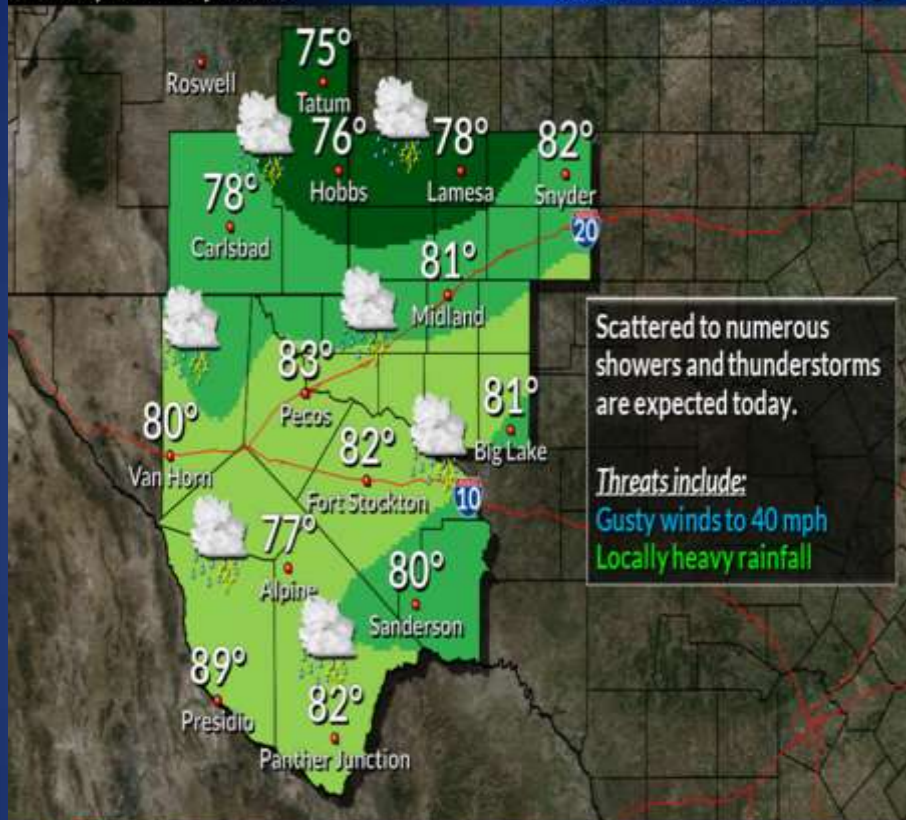
Deeper moisture will return to the area on Wednesday as east to southeast winds push across the area. This will result in scattered to numerous thunderstorms across the area, with a few localized areas seeing heavy rainfall.

# Hazardous Weather

## Cloudy With a Chance of Rain

Seasonally Warm Temperatures

Weather Forecast Office  
Midland/Odessa, TX  
Issued October 4, 2017 2:12 AM CT



f t NWSMidland

weather.gov/maf

Scattered to numerous thunderstorms will spread, or develop, over the area today. A few of the stronger storms could produce gusty winds to 40 mph and locally heavy rainfall.

## Today

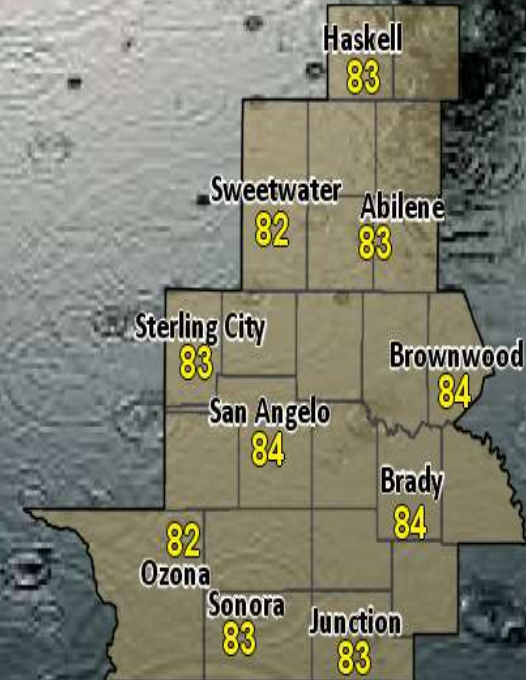
Highs

Scattered to numerous showers.

An isolated thunderstorm possible.

Average rainfall amounts around 1/4 inch.

Locally heavy amounts to 1 inch may produce street flooding.



Expect scattered to numerous showers. An isolated thunderstorm is possible.

# Hazardous Weather

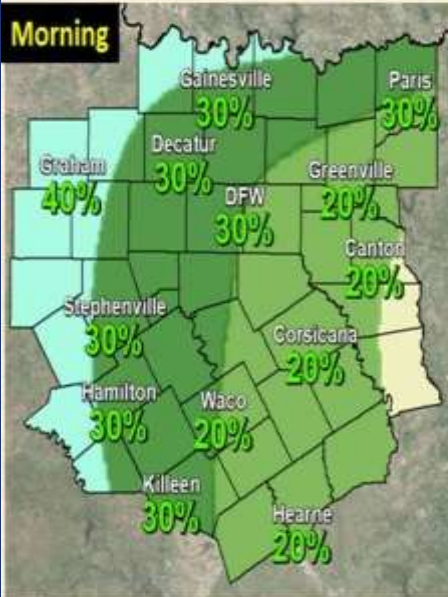


Today

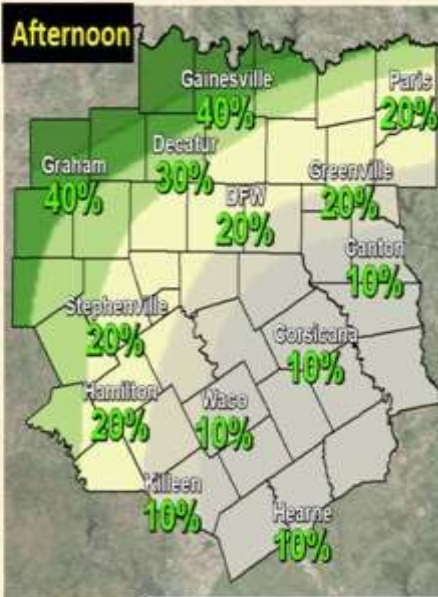
National Weather Service Fort Worth

Mostly cloudy with a chance of showers and thunderstorms with chances shifting to the northwest this afternoon. Highs in the 80s. Southeast winds 5 to 10 mph.

Morning



Afternoon



@NWSFortWorth  
weather.gov/FortWorth



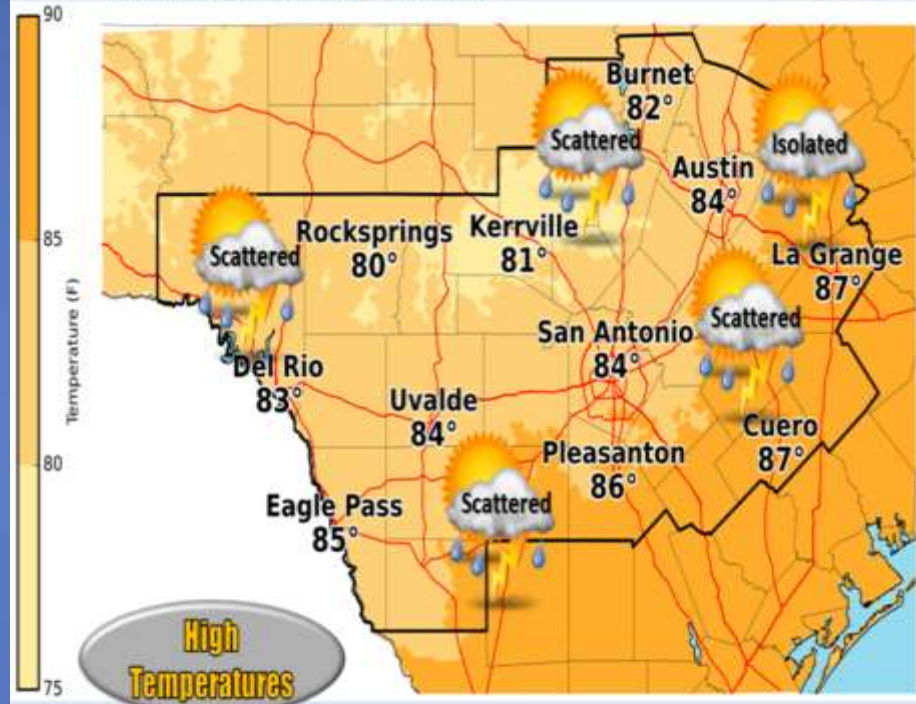
338 AM CDT  
Wed Oct 4 2017  
National Weather Service  
Fort Worth, TX

It will be mostly cloudy today. There will be a chance of showers and thunderstorms area wide early this morning and chances will shift northwestward during the day. Highs will be in the 80s with southeast to east winds 5 to 10 mph.



## Scattered Showers and Storms... Most Numerous West

National Weather Service Austin / San Antonio



@NWSSanAntonio  
weather.gov/ewx

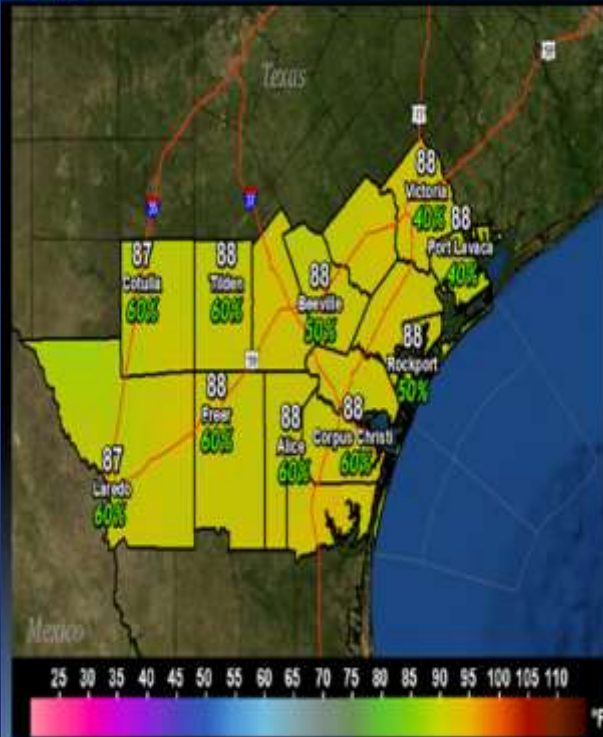
Scattered showers and isolated thunderstorms are expected across South Central Texas with the greatest coverage across western areas. Local rainfall amounts of an inch or so are possible, especially out west, however, most areas will see less than one quarter inch. High temperatures will be slightly below normal for early October.

# Hazardous Weather



**Today**

**Scattered-Numerous Showers/Thunderstorms**



- ☐ Scattered to numerous showers/thunderstorms
- ☐ Isolated heavy rainfall possible. Average Rainfall amounts < 1 inch (locally higher).
- ☐ Highs in the 80s.

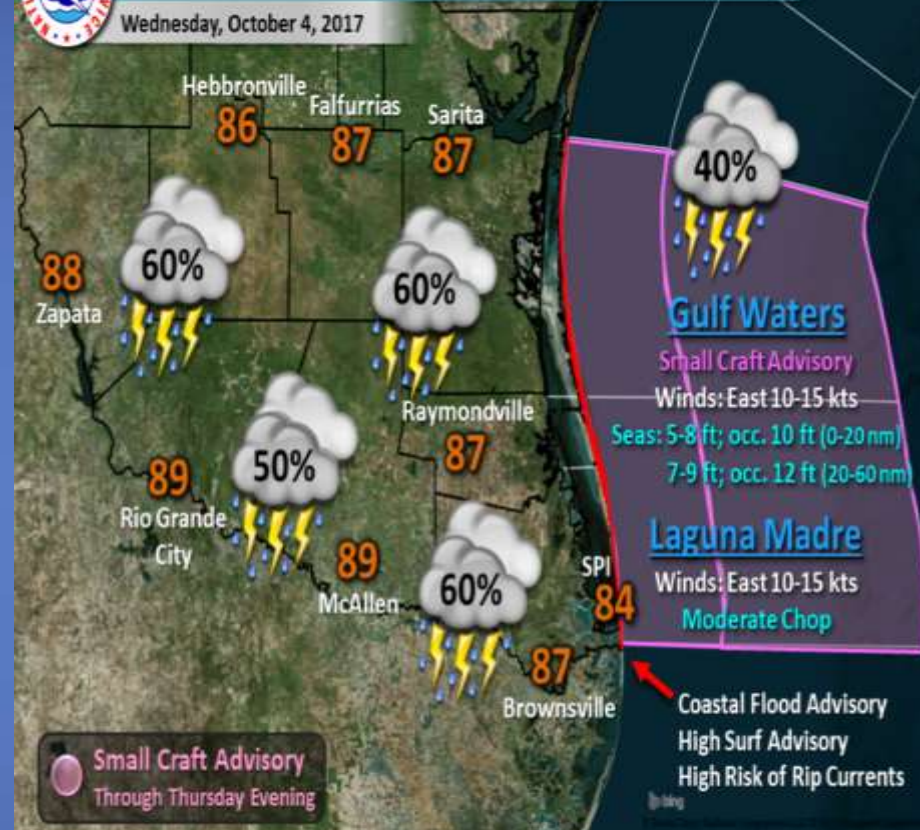
Issued at 3:50 AM - October 4, 2017

Tropical moisture associated with a wave will combine with surface forcing and daytime heating to produce scattered to numerous showers and thunderstorms, the latter more isolated. Average rainfall amounts will be less than 1 inch with locally higher amounts. Occasionally heavy rainfall will also be possible. Highs will be in the mid to upper 80s.



**Showers and Thunderstorms Continue**

Wednesday, October 4, 2017

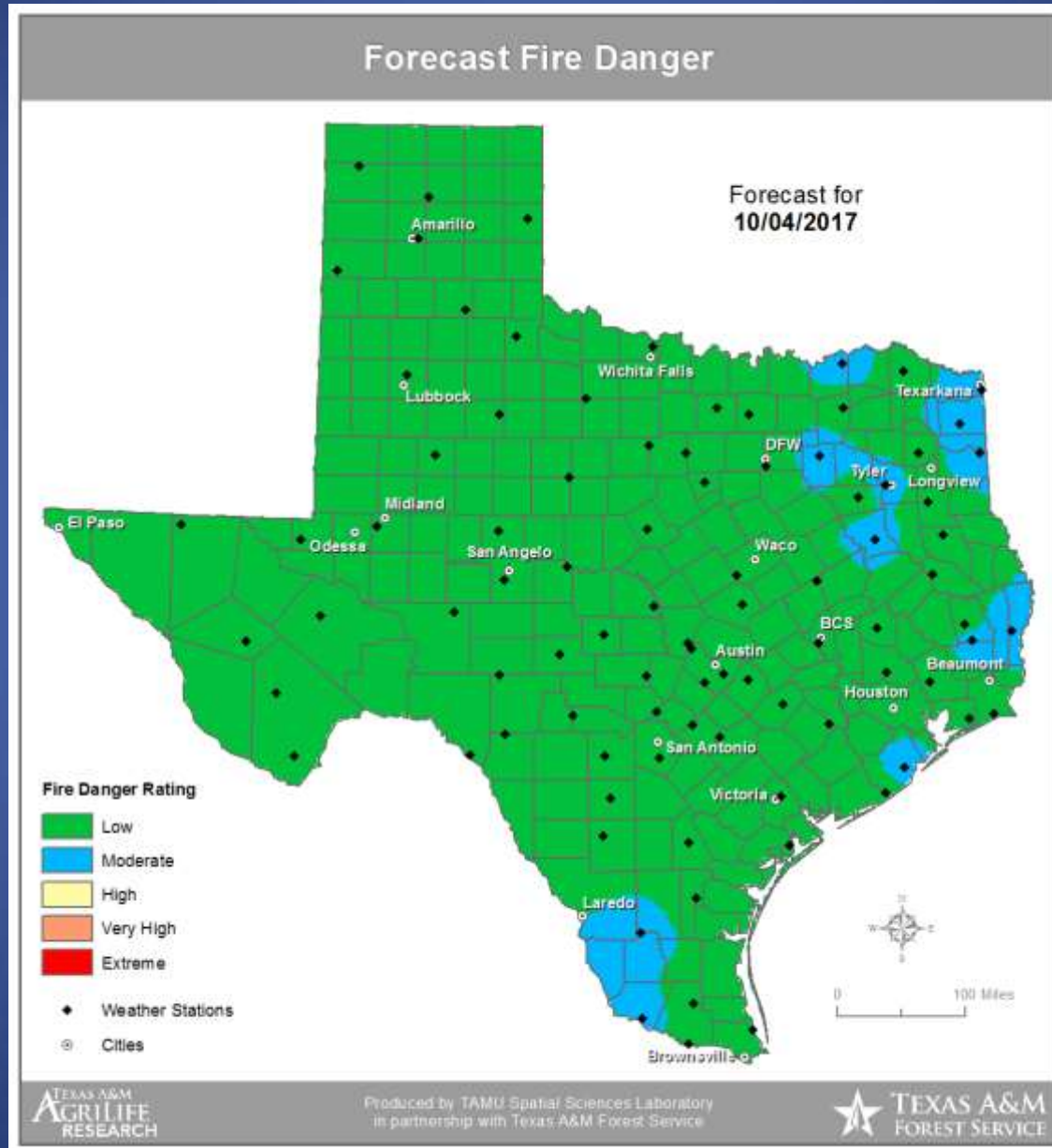


Increased moisture coupled with a midlevel trough will keep showers and thunderstorms developing in deep south Texas and the Rio Grande Valley today. With more cloud cover, afternoon high temperatures will "only" rise into the mid and upper 80s for most. A Coastal Flood advisory is in effect until 7pm Thursday. A High Surf Advisory is in effect until 7pm Thursday. There will be a high risk of rip currents through Thursday evening at area beaches. A Small Craft Advisory is in effect through Thursday evening for all Gulf waters 0-60 nautical miles east of Padre Island.

# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
10/03/17	Flood Warning Continues	Nueces River near Tilden affecting McMullen County; Rio Grande at Candelaria affecting Presidio County; Sabine River affecting Newton and Orange Counties
10/03/17	Flood Advisory	Dallas County

# Fire Danger Forecast



# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

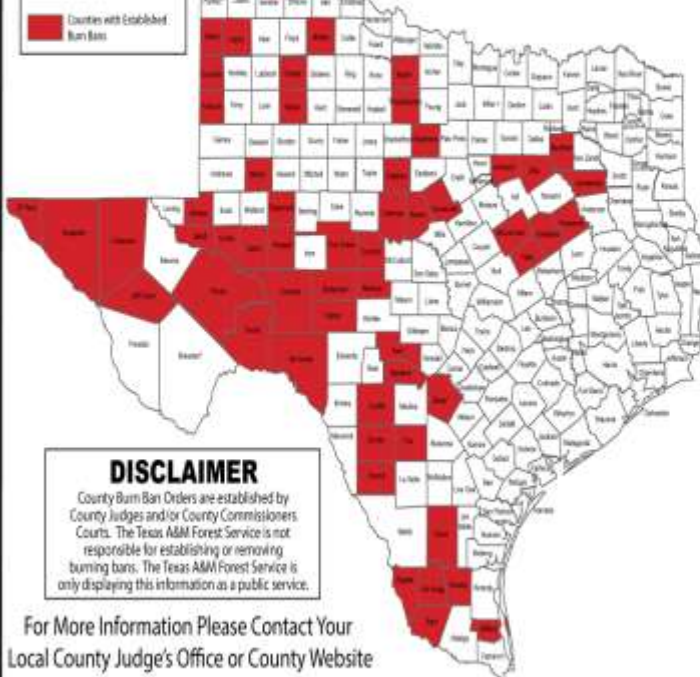
October 04, 2017



Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)

Counties with Burn Bans: 57

Armstrong  
Bailey  
Bandera  
Baylor\*  
Brewer  
Brooks  
Brown  
Callahan  
Cochran  
Coleman  
Comanche  
Concho  
Cone  
Crockett  
Crosby  
Culberson  
Dallam  
Dauvill  
El Paso  
Ellis  
Falls  
Freestone  
Frio  
Garza  
Glasscock  
Henderson  
Hudspeth  
Jeff Davis  
Jim Hogg  
Johnson\*  
Kaufman  
Kerr\*  
Kleberg  
Lamb  
Limestone  
Martin  
McLennan  
Menard  
Motley  
Pecos  
Reagan  
Schleicher  
Starr  
Stephens  
Sutton  
Tarrant  
Throckmorton  
Tom Green  
Upton  
Unk



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

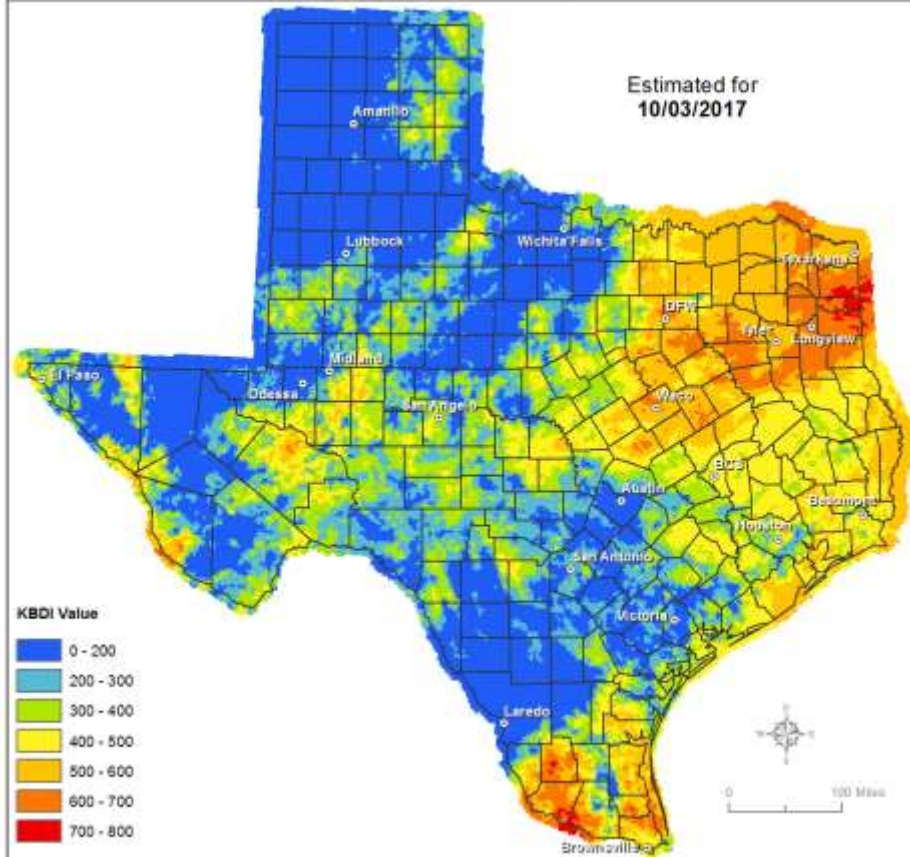
For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Burn Ban RSS feed available at <http://tfsr.tamu.edu/wildfires/BurnBan.xml>

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
10/03/2017



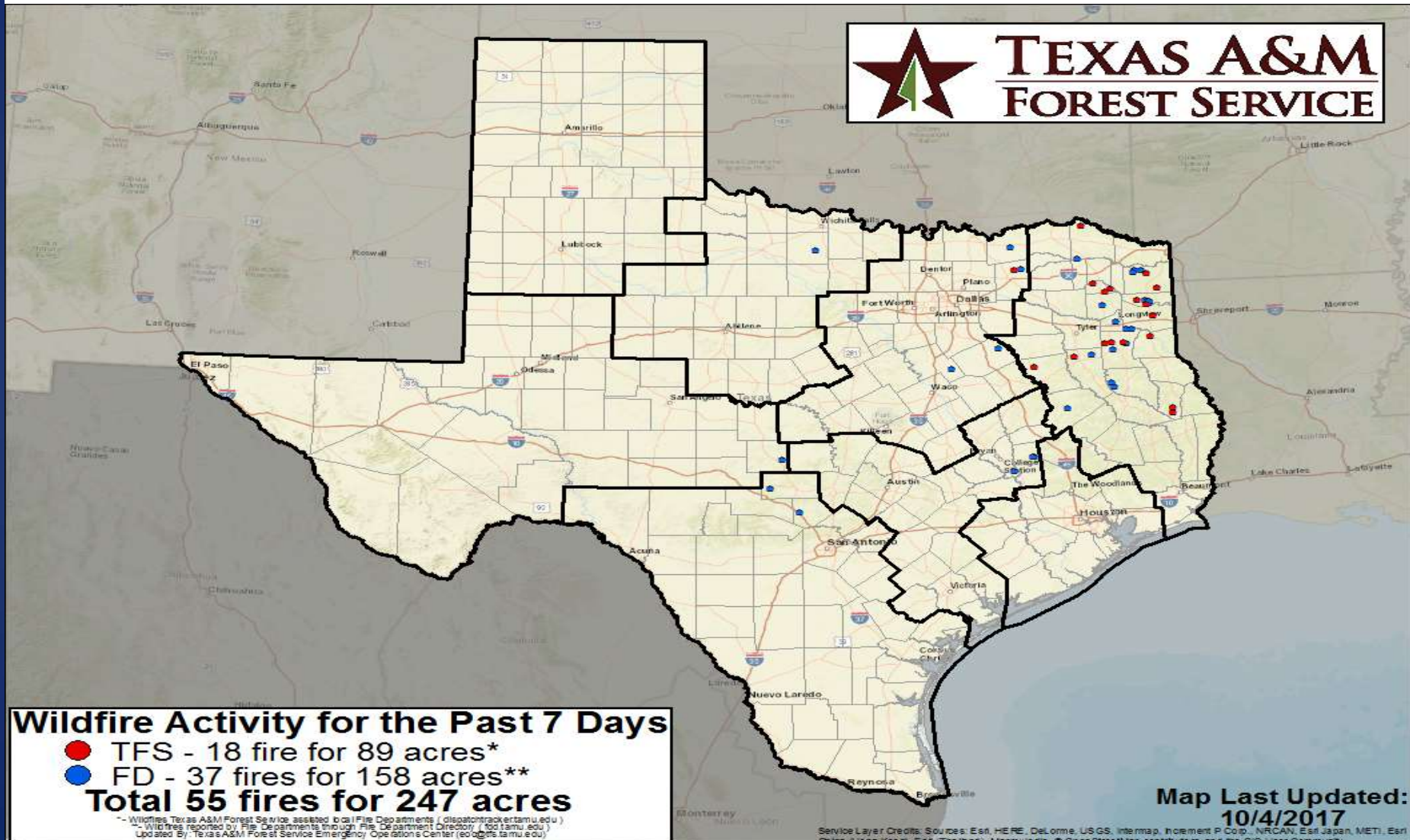
TEXAS A&M  
AGRI LIFE  
RESEARCH

Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE

# Fire Activity (\*Last 24 Hours)

Reports 618 (no change) fires and 657,029 (no change) acres destroyed this year. There are 57 (no change) counties with burn bans. The Keetch-Byram Drought Index list 82 (+1) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
10/03/17	10/04/17	Jurisdictional Threat and Hazard Identification and Risk Assessment	MGT-310	Brownsville
10/03/17	10/05/17	Wide Area Search	PER-213	Corpus Christi
10/05/17	10/05/17	Essentials of Community Cyber Security	AWR-136	San Antonio
10/05/17	10/05/17	Disaster Accounting 101 (Module 4)	T-600.d	El Paso

# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
10/04/17	10/04/17	San Antonio Metro/ San Antonio	Full Scale: SNS PODEX 17-01

# Statewide Significant Events

DATE(S)		LOCATION	EVENT
09/29/17	10/31/17	Lubbock	Nightmare on 19 <sup>th</sup> St.